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**PATENT** 

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/675,634

Applicant

Gunter Schmid

Filed

September 30, 2003

TC/A.U.

1742

Examiner

Unknown

Docket No.

0928.0135C

Customer No.

27896

Title

Method for the Patterned, Selective Metallization of a

Surface of a Substrate

## TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing in the subject application are a Revocation of Power of Attorney with New Power of Attorney Form (1 page); Copy of Assignment document (2 pages) Copy of Notice of Recordation of Assignment document (3 pages); and a Statement Under 37 CFR 3.73(b) (1 page).

The Commissioner is hereby authorized to charge payment of any additional fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460...

Respectfully submitted,

Patrick J. Finnan

Registration No. 39,189

Hand-delivered: 02/16/2005

FEB 1 5 2005

PTO/SB/82 (09-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number

Application Number

10/675,634

Filling Date

September 30, 2003

## ATTORNEY WITH NEW POWER OF ATTORNEY AND

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bond to a collection of information unless it displays a valid OMB control ni			
Application Number	10/675,634		
Filing Date	September 30, 2003		
First Named Inventor	Gunter Schmid		
Art Unit	1742		
Examiner Name	Unknown		
Attorney Docket Number	0928.0135C		

I hereby revoke all previous powers of attorney given in the above-identified application.
A Power of Attorney is submitted herewith.
OR  I hereby appoint the practitioners associated with the Customer Number:  27896
Please change the correspondence address for the above-identified application to:
The address associated with Customer Number: 27896
OR
Firm or Individual Name
Address
Address
City State Zip
Country
Telephone Fax
I am the: Applicant/Inventor.
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
SIGNATURE of Applicant or Assignee of Record
Name Dr. Dieter Joseph Elke Laqua (both patent manager)
Signature i.V. Lagua i.V. Lagua
Date 11.01/.2005 Telephone
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.
*Total offorms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)				
Applicant/Patent Owner: Gunter Schmid	<u> </u>			
Application No./Patent No.: 10/675,634	Filed/Issue Date: September 30, 2003			
Entitled: Method for the Patterned, Selective Me	tallization of a Surface of a Substrate			
Infineon Technologies AG (Name of Assignee)	, a Corporation  (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)			
states that it is:  1.   the assignee of the entire right, title, and	interest; or			
2. an assignee of less than the entire right, The extent (by percentage) of its owners in the patent application/patent identified above	hip interest is ———— %			
	e patent application/patent identified above. The assignment was recorded rk Office at Reel <u>014864</u> , Frame <u>0785</u> , or for which a copy thereof is			
OR				
B. [ ] A chain of title from the inventor(s), of the below:	e patent application/patent identified above, to the current assignee as shown			
1. From:	To:			
The document was recorded in th	e United States Patent and Trademark Office at, or for which a copy thereof is attached.			
2. From:	To:			
	e United States Patent and Trademark Office at			
	, or for which a copy thereof is attached.			
3. From:	To:e United States Patent and Trademark Office at			
Reel, Frame	e United States Patent and Trademark Office at, or for which a copy thereof is attached.			
[ ] Additional documents in the chain	of title are listed on a supplemental sheet.			
	assignment document or a true copy of the original document) in accordance with 37 CFR Part 3, if the assignment is to be			
The undersigned (whose title is supplied below	) is authorized to act on behalf of the assignee.			
11.01.2005	Dr. D. <u>Joseph Elke Lagua</u>			
Date	i. V. Jan Typed or printed name, Lagha			
Telephone number	Signature			
	both patent manager, which couldn't			
	Title			

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 19, 2004

PTAS

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F. CHAU & ASSOCIATES, LLP FRANK CHAU 1900 HEMPSTEAD TURNPIKE, SUITE 501 EAST MEADOW, NY 11554

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/09/2004

REEL/FRAME: 014864/0785

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: 807423S2724SBSWI

ASSIGNOR:

SCHMID, GUNTER

DOC DATE: 10/16/2003

ASSIGNEE:

PATENT NUMBER:

INFINEON TECHNOLOGIES AG ST.-MARTIN-STR. 53

MUNICH, FED REP GERMANY 81669

SERIAL NUMBER: 10675634

FILING DATE: 09/30/2003

ISSUE DATE:

TITLE: METHOD FOR THE PATTERNED, SELECTIVE METALLIZATION OF A SURFACE OF A

SUBSTRATE

014864/0785 PAGE 2

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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Form PTO-1595 January 7, 2004 \ 9 04	R SHE U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
Please record the attached origination 102643722	ARKS: Attorney Docket No.: 8074-23 (S2724 SB/swi)			
1. Name of conveying party(ies):	2. Name and address of seceiving party(ies):			
Günter Schmid 2004 JAN -9 AN 9: 15	Name: FEB 1 5 200 million Technologies AG			
Additional name(s) of conveying party(les) attached N	Internal Address: Street Address: Street Address: Street Address:			
3. Nature of Conveyance	on martin on, oo			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	City: Munich Country/State/Zip: Germany 81669			
Execution Date: 10/16/03	Additional names and addresses attached? [] yes [X] no			
Application number(s) or patent number(s):	Additional names and addresses attached: [1] yes [A] no			
If this document is being filed together with a new application	1			
A. Patent Application No.(s)  10/675,634	B. Patent No.(s):  N/A			
	ched? [] Yes [X] No			
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	Total number of applications and patents involved:  [1]			
Name: Frank Chau	7. Total fee (37 C.F.R. 3.41)			
Internal Address: F. Chau & Associates, LLP				
Street Address: 1900 Hempstead Turnpike, Suite 501	PTO-2038 is enclosed			
City: East Meadow State: NY ZIP: 11554	8. Deposit account number: 50-0679 Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE	THIS SPACE			
Statement and signature.	·			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Michael F. Morano Michael -	7- Marao January 7, 2004			
Name of Person Signing Signature Date Reg. No. 44,952 Total number of pages including cover sheet, attachments and document [4]				
OMB No. 0651-0011 (exp. 4/84)				
do not detach this portion  Mail documents to be recorded with required cover sheet information to:  Assistant Commissioner for Patents and Trademarks  Box Assignments  Washington, D.C. 20231				
Public burder reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.				

01/12/2004 LMUE LER 00000133 10675634....

01 FC:8021

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## ASSIGNMENT

DOCKET NO. 8074-23 (\$2724 SB/sw)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:

IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Infineon Technologies AG

ADDRESS: St.-Martin-Str. 53, 81669 München, Germany

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE:

METHOD FOR PATTERNED, SELECTIVE METALLIZATION OF A SURFACE OF A SUBSTRATE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8074-22 (S2608 SB/swi), or is more particularly identified as:

M	executed on even date herewith, or		
	Serial No.	filed in the U.S. Patent & Trademark Office on	
	,or		
	executed on		

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said Infineon Technologies AG, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau, Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed	Witness(es)
1) Günter SCHMID (Seal)	2002-10-16	Hay KOL
/		